



## FANI-19 - Population Exposure Estimation based on bulletin n. 13

The population exposure, summarized by Admin 0, 1 and 2, has been calculated using a 1 km resolution LandScan raster (LandScan Database 2015). Admin boundaries are defined by Gaul 2015 dataset. Windspeed buffers are produced by GDACS (JRC). This is a preliminary analysis and has not yet been validated in the field.

Analysis performed by ADAM (Automated Disaster Analysis and Mapping) on 30-04-2019 at 03:02 UTC  
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admin0	admin1	admin2	population			Total
			60km/h	90km/h	120km/h	
ARUNACHAL PRADESH	---	---	3,962			3,962
ARUNACHAL PRADESH - TOT			3,962			3,962
BANGLADESH	Barisal	Barguna	1,043,772			1,043,772
		Barisal	2,723,514			2,723,514
		Bhola	2,070,403			2,070,403
		Jhalokati	795,510			795,510
		Patuakhali	1,784,431			1,784,431
		Pirojpur	1,307,374			1,307,374
	Chittagong	Brahmanbaria	3,359,553			3,359,553
		Chandpur	2,854,902			2,854,902
		Comilla	6,277,360			6,277,360
		Feni	408,870			408,870
		Lakshmipur	2,040,690			2,040,690
		Noakhali	2,974,971			2,974,971
	Dhaka	Dhaka	14,121,429	18,435		14,139,864
		Faridpur	1,912,976	344,297		2,257,273
		Gazipur	3,976,553			3,976,553
		Gopalganj	1,377,884			1,377,884
		Jamalpur	227,283	1,140,890	1,348,165	2,716,338
		Kishoreganj	3,413,908			3,413,908
		Madaripur	1,353,604			1,353,604
		Manikganj	957,853	690,295	601	1,648,749
		Munshiganj	1,683,628			1,683,628
		Mymensingh	2,065,748	2,433,083	1,504,063	6,002,894
		Narayanganj	3,451,505			3,451,505
		Narsingdi	2,596,620			2,596,620
		Netrakona	1,820,643	781,576	2,478	2,604,697
		Rajbari		778,075	453,927	1,232,002
		Shariatpur	1,346,986			1,346,986
		Sherpur		307,003	1,274,094	1,581,097
		Tangail	246,479	1,996,223	1,986,299	4,229,001
	Khulna	Bagerhat	1,735,950			1,735,950
		Chuadanga		71,270	1,240,231	1,311,501
		Jessore	394,148	2,228,657	583,743	3,206,548
		Jhenaidah		18,110	2,031,287	2,049,397
		Khulna	2,724,387			2,724,387
		Kushtia	19,793	782,111	1,465,603	2,267,507
		Magura	13,630	928,281	138,701	1,080,612
		Meherpur		737,198	3,024	740,222
		Narail	761,224	74,030		835,254
		Satkhira	1,349,561	889,797		2,239,358
	Rajshahi	Bogra	2,536,324	1,410,129	59,662	4,006,115
		Joypurhat	1,077,069			1,077,069
		Naogaon	3,066,882			3,066,882
		Natore	618,649	1,358,579	2,063	1,979,291
		Nawabganj	1,941,460			1,941,460
		Pabna		316,806	2,645,293	2,962,099
		Rajshahi	2,959,001	88,789		3,047,790
		Sirajganj		358,899	3,247,755	3,606,654
	Rangpur	Dinajpur	3,531,016			3,531,016
		Gaibandha	2,775,203	22		2,775,225
		Kurigram	2,408,100			2,408,100
		Lalmonirhat	1,320,549			1,320,549

		Nilphamari	2,049,674			2,049,674
		Panchagarh	164,149			164,149
		Rangpur	3,376,230			3,376,230
		Thakurgaon	190,979			190,979
	Sylhet	Habiganj	2,448,188			2,448,188
		Maulvibazar	1,557,901			1,557,901
		Sunamganj	2,860,777			2,860,777
		Sylhet	3,396,306			3,396,306
<b>BANGLADESH - TOT</b>			<b>113,471,599</b>	<b>17,752,555</b>	<b>17,986,989</b>	<b>149,211,143</b>
<b>BHUTAN</b>	Bumthang	Chhumig	19			19
		Ura	454			454
	Chhukha	Bongo	719			719
		Darla	2,152			2,152
		Getana	108			108
	Dagana	Dorona	494			494
		Drukjeygang	3,350			3,350
		Gesarling	927			927
		Gozhi	1,823			1,823
		Karmaling	1,674			1,674
		Karna	491			491
		Khebisa	531			531
		Largyab				
		LhamoiDzingkha	2,957			2,957
		Nichula	594			594
		Tashiding	1,987			1,987
		Tsangkha	1,374			1,374
		Tsendagang	2,388			2,388
	Lhuentse	Jarey	22			22
		Tsaenkhar	294			294
	Monggar	Balam	1,348			1,348
		Chagsakhar	2,826			2,826
		Chhaling	826			826
		Dramedtse	3,580			3,580
		Drepoong	5,171			5,171
		Gongdue	1,556			1,556
		Jurmed	1,707			1,707
		Kengkhar	2,492			2,492
		Monggar	6,420			6,420
		Narang	864			864
		Ngatshang	2,565			2,565
		Saling	5,499			5,499
		Shermuhoong	1,173			1,173
		Silambi	1,754			1,754
		Thangrong	2,200			2,200
		Tsakaling	1,578			1,578
		Tsamang	1,419			1,419
	Pemagatshel	Chhimoong	673			673
		Chhoekhorling	1,090			1,090
		Chongshing	568			568
		Dechhenling	2,207			2,207
		Dungmaed	1,834			1,834
		Khar	1,897			1,897
		Nanong	2,672			2,672
		Norboogang	4,512			4,512
		Shumar	7,125			7,125
		Yurung	1,754			1,754
		Zobel	2,515			2,515
	Samdrupjongkhar	Dewathang	2,393			2,393
		Gomdar	5,233			5,233
		Langchenphu	15,546			15,546
		Lauri	3,055			3,055
		Martshala	3,347			3,347
		Orong	1,401			1,401
		Pemathang	3,064			3,064
		Phuentshogthang	4,968			4,968
		Samrang	6,403			6,403
		Serthig	2,427			2,427
		Wangphu	698			698
	Sarpang	Chhudzom	2,583			2,583

		<b>Chhuzangang</b>	1,736			1,736
		<b>Dekiling</b>	4,040			4,040
		<b>Gakiling</b>	2,674			2,674
		<b>Gelegphu</b>	15,603			15,603
		<b>Jigmechoeling</b>	4,052			4,052
		<b>Samtenling</b>	2,287			2,287
		<b>Senggey</b>	3,157			3,157
		<b>Serzhong</b>	3,633			3,633
		<b>Shompangkha</b>	1,739			1,739
		<b>Tareything</b>	64			64
		<b>Umling</b>	1,827			1,827
	<b>Trashigang</b>	<b>Bartsham</b>	141			141
		<b>Bidoong</b>	6			6
		<b>Kanglung</b>	6,614			6,614
		<b>Kangpar</b>	2,612			2,612
		<b>Khaling</b>	5,853			5,853
		<b>Lumang</b>	6,821			6,821
		<b>Merag</b>	423			423
		<b>Samkhar</b>	8,430			8,430
		<b>Shongphu</b>	3,036			3,036
		<b>Thrimshing</b>	2,071			2,071
		<b>Udzorong</b>	3,868			3,868
		<b>Yangnyer</b>	1,738			1,738
	<b>Trongsa</b>	<b>Korphu</b>	1,001			1,001
		<b>Langthil</b>	1,128			1,128
	<b>Tsirang</b>	<b>Barshong</b>	818			818
		<b>Doonglagang</b>	1,785			1,785
		<b>Gosarling</b>	1,562			1,562
		<b>Kilkhorthang</b>	6,194			6,194
		<b>Mendrelgang</b>	1,835			1,835
		<b>Patshaling</b>	1,784			1,784
		<b>Phungtenchhu</b>	1,319			1,319
		<b>Rangthangling</b>	1,673			1,673
		<b>Semjong</b>	1,779			1,779
		<b>Sergithang</b>	603			603
		<b>Tsholingkhar</b>	696			696
		<b>Tsirangtoed</b>	1,202			1,202
	<b>Wangduephodrang</b>	<b>Athang</b>				
	<b>Zhemgang</b>	<b>Bardo</b>	2,361			2,361
		<b>Bjoka</b>	1,234			1,234
		<b>Goshing</b>	1,894			1,894
		<b>Nangkor</b>	5,791			5,791
		<b>Ngangla</b>	3,073			3,073
		<b>Phangkhar</b>	1,265			1,265
		<b>Shingkhar</b>	1,810			1,810
		<b>Trong</b>	4,837			4,837
	<b>BHUTAN - TOT</b>		271,370			271,370
<b>INDIA</b>	<b>Andhra Pradesh</b>	<b>East Godavari</b>	2,877,174			2,877,174
		<b>Srikakulam</b>	2,740,361			2,740,361
		<b>Vishakhapatnam</b>	4,196,592			4,196,592
		<b>Vizianagaram</b>	2,464,733			2,464,733
		<b>West Godavari</b>	3,187			3,187
	<b>Assam</b>	<b>Barpeta</b>	1,120,023	539,709	50,890	1,710,622
		<b>Bongaigaon</b>	1,239,892			1,239,892
		<b>Darrang</b>	1,794,269			1,794,269
		<b>Dhuburi</b>	1,760,220			1,760,220
		<b>Goalpara</b>	355,308	198,969	176,633	730,910
		<b>Kamrup</b>	2,600,818	203,002	181,536	2,985,356
		<b>Karbi Anglong</b>	78,753			78,753
		<b>Kokrajhar</b>	1,627,885			1,627,885
		<b>Marigaon</b>	1,090,519			1,090,519
		<b>Nagaon</b>	334,659			334,659
		<b>Nalbari</b>	1,704,665	181,412	932	1,887,009
		<b>Sonitpur</b>	118,208			118,208
	<b>Bihar</b>	<b>Banka</b>	910,173			910,173
		<b>Bhagalpur</b>	9,267			9,267
		<b>Jamui</b>	101,276			101,276
		<b>Katihar</b>	344,659			344,659
	<b>Jharkhand</b>	<b>Bokaro</b>	2,872,040			2,872,040

	<b>Deoghar</b>	1,521,000			1,521,000
	<b>Dhanbad</b>	1,994,861			1,994,861
	<b>Dumka</b>	1,351,251			1,351,251
	<b>Giridih</b>	1,442,429			1,442,429
	<b>Godda</b>	1,334,926			1,334,926
	<b>Gumla</b>	253			253
	<b>Hazaribag</b>	610,547			610,547
	<b>Jamtara</b>	833,154			833,154
	<b>Pakur</b>	839,147			839,147
	<b>Pashchim Singhbhum</b>	1,574,323			1,574,323
	<b>Purba Singhbhum</b>	2,195,296			2,195,296
	<b>Ranchi</b>	2,285,925			2,285,925
	<b>Sahibganj</b>	1,223,299			1,223,299
	<b>Saraikela Kharsawan</b>	1,266,447			1,266,447
	<b>Simdega</b>	93,995			93,995
<b>Meghalaya</b>	<b>East Garo Hills</b>	73,850	53,321	150,459	277,630
	<b>East Khasi Hills</b>	754,982			754,982
	<b>Jaintia Hills</b>	294,705			294,705
	<b>Ri-Bhoi</b>	206,612	8		206,620
	<b>South Garo Hills</b>	8,632	29,864	148,089	186,585
	<b>West Garo Hills</b>	326,997	199,286	82,266	608,549
	<b>West Khasi Hills</b>	334,771	52,584	19,553	406,908
<b>Orissa</b>	<b>Angul</b>	1,483,115			1,483,115
	<b>Baleshwar</b>	56,491	2,071,221	414,750	2,542,462
	<b>Bhadrak</b>	60,009	1,085,869	152,083	1,297,961
	<b>Bolangir</b>	6,986			6,986
	<b>Boudh</b>	591,140			591,140
	<b>Cuttack</b>	1,920,177	1,313,369		3,233,546
	<b>Deogarh</b>	360,556			360,556
	<b>Dhenkanal</b>	1,072,068			1,072,068
	<b>Gajapati</b>	683,769			683,769
	<b>Ganjam</b>	3,604,561			3,604,561
	<b>Jagatsinghpur</b>		562,365	666,459	1,228,824
	<b>Jajpur</b>	642,880	1,001,210		1,644,090
	<b>Kalahandi</b>	217,060			217,060
	<b>Kandhamal</b>	617,460			617,460
	<b>Kendrapara</b>		469,752	742,986	1,212,738
	<b>Keonjhar</b>	1,862,850	3,198		1,866,048
	<b>Khordha</b>	1,228,788	1,467,538		2,696,326
	<b>Koraput</b>	469,416			469,416
	<b>Mayurbhanj</b>	2,119,576	569,608		2,689,184
	<b>Nayagarh</b>	882,050			882,050
<b>Puri</b>	43,973	1,224,735	120,492	1,389,200	
<b>Rayagada</b>	843,125			843,125	
<b>Sambalpur</b>	435,949			435,949	
<b>Sonepur</b>	204,612			204,612	
<b>Sundargarh</b>	1,358,630			1,358,630	
<b>Puducherry</b>	<b>Yanam</b>	16,602			16,602
<b>Tripura</b>	<b>Dhalai</b>	109,553			109,553
	<b>North Tripura</b>	10			10
	<b>South Tripura</b>	504,748			504,748
	<b>West Tripura</b>	1,934,715			1,934,715
<b>West Bengal</b>	<b>Bankura</b>	3,726,121	12,156		3,738,277
	<b>Barddhaman</b>	6,151,242	1,883,909	120,235	8,155,386
	<b>Birbhum</b>	3,620,286			3,620,286
	<b>Dakshin Dinajpur</b>	1,590,413			1,590,413
	<b>East Midnapore</b>		706	4,036,764	4,037,470
	<b>Haora</b>			5,093,211	5,093,211
	<b>Hugli</b>	74,666	1,489,667	4,261,434	5,825,767
	<b>Jalpaiguri</b>	702,258			702,258
	<b>Kochbihar</b>	2,188,857			2,188,857
	<b>Kolkata</b>			4,518,261	4,518,261
	<b>Maldah</b>	4,127,560			4,127,560
	<b>Murshidabad</b>	7,337,687	128		7,337,815
	<b>Nadia</b>	669,823	1,861,825	2,875,825	5,407,473
	<b>North 24 Parganas</b>	494,107	1,952,344	7,908,330	10,354,781
	<b>Puruliya</b>	3,029,955			3,029,955
	<b>South 24 Parganas</b>	46,034	3,924,059	4,565,409	8,535,502
<b>Uttar Dinajpur</b>	1,391,795			1,391,795	

		<b>West Midnapore</b>	2,573,705	3,789,945	1,007,460	7,371,110
<b>INDIA - TOT</b>			111,967,461	26,141,759	37,294,057	175,403,277
<b>All - TOT</b>			225,714,392	43,894,314	55,281,046	324,889,752